

ABSTRACT

A video decoder 10 not only decodes an encoded stream CS to generate an original video signal SHR with a first resolution but also extracts an encoding parameter PAR such as motion vector or type of orthogonal transformation from the encoded stream CS. A resolution converter 20 recognizes a characteristic of the original video signal SHR by the encoding parameter PAR, and converts the original video signal SHR into a new video signal SLR with a second resolution by a resolution conversion method associated with the characteristic.

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